INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP2004/015101

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	CATION OF SUBJECT MATTER H01L21/28, H01L21/288, B05D3 C07F17/02	/00, B32B15/01, C01B33/0)4,
According to In	ternational Patent Classification (IPC) or to both nation	al classification and IPC	
B. FIELDS SE			
Minimum docur Int.Cl	nentation searched (classification system followed by c H01L21/28, H01L21/288, H01L2 C01B33/04, C07F17/02	classification symbols) 1/3205, B05D3/00, B32B15	5/01,
Jitsuyo Kokai J	itsuyo Shinan Koho 1971—2005 J:	oroku Jitsuyo Shinan Koho itsuyo Shinan Toroku Koho	1994-2005 1996-2005
	pase consulted during the international search (name of	data base and, where practicable, search te	rms used)
C. DOCUME	NTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where a		Relevant to claim No.
Х	JP 4-53512 A (Toshiba Corp.) 20 February, 1992 (20.02.92) Page 8, lower right column, (Family: none)	,	1,4,5
х	JP 53-60171 A (Matsushita El Co., Ltd.), 30 May, 1978 (30.05.78), Full text; Figs. 1 to 2 (Family: none)	ectric Industrial	1,4,5
A	WO 1999/022411 A1 (Sumitomo Ltd.), 06 May, 1999 (06.05.99), Full text; Figs. 1 to 6 & EP 1039557 A1 & US	Special Metals Co., 6506321 B1	1-5
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× Further do	cuments are listed in the continuation of Box C.	See patent family annex.	
"A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the		"Y" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family	
06 Janı	l completion of the international search pary, 2005 (06.01.05)	Date of mailing of the international searce 25 January, 2005 (2)	
	gaddress of the ISA/ se Patent Office	Authorized officer	
Facsimile No.	0 (second sheet) (January 2004)	Telephone No.	
	- (Docone anoth) (eminary 2007)		

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PCT/JP2004/015101

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 2000/059040 A1 (Seiko Epson Corp.), 05 October, 2000 (05.10.00), Full text; Figs. 1 to 6 & EP 1113502 A1 & US 6514801 B1	1-5
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